

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062118\
 Data File : VV006392.D
 Acq On : 21 Jun 2018 14:17
 Operator : SY/MD
 Sample : J3553-05
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KJ3

Quant Time: Jun 22 01:26:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 01:25:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	312897	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	283581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126435	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75418	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	66354	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.14	63	131538	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	3.96	46	219883	60.60	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.20%
24) Chloroform-d	4.41	84	152720	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.09	65	79737	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.11	84	323560	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	101236	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.37	98	282613	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	30258	3.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.00%
46) 2-Hexanone-d5	8.14	63	165806	41.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63275	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	106881	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

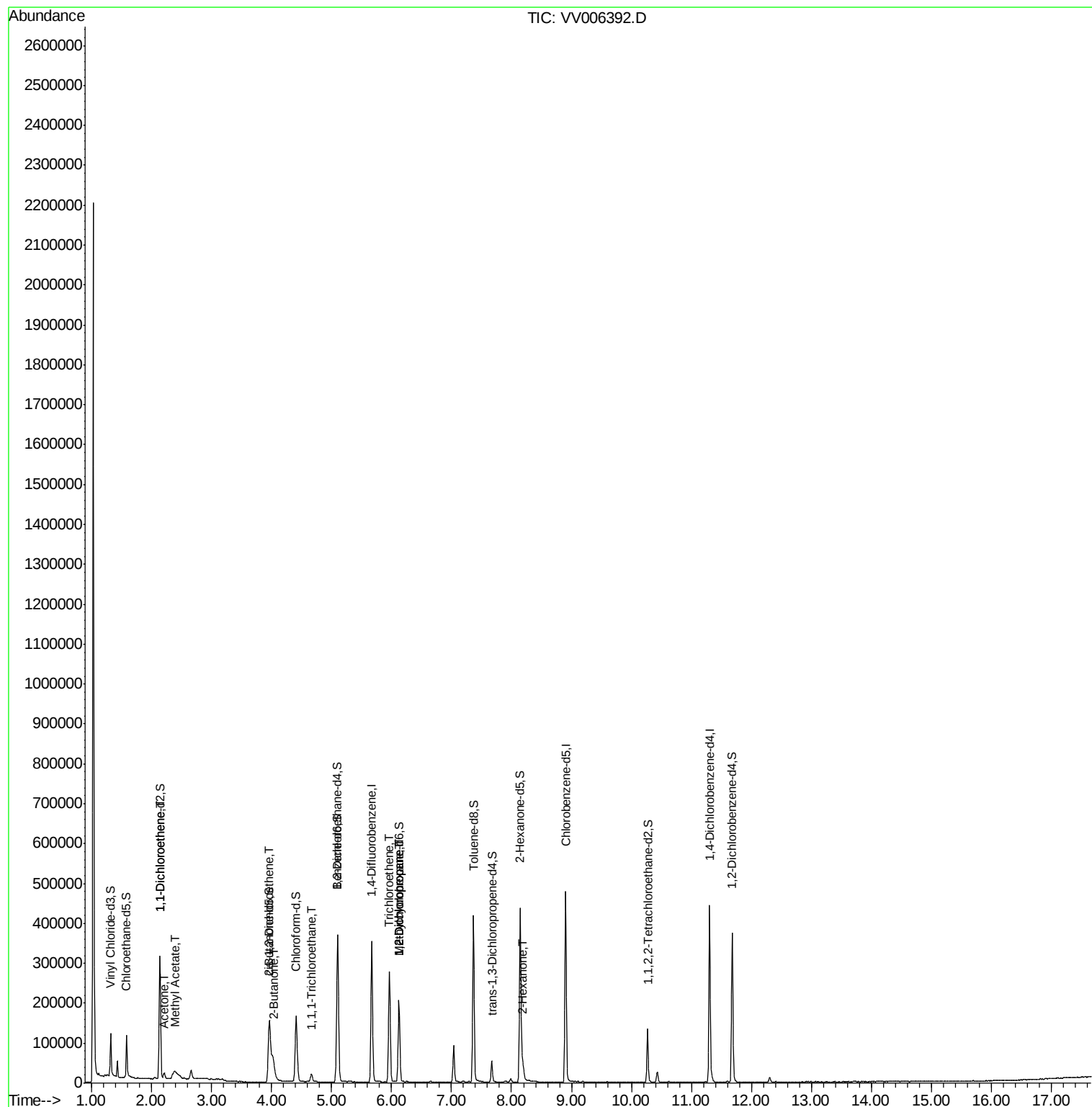
					Qvalue
12) 1,1-Dichloroethene	2.15	96	51081	2.845 ug/L	93
13) Acetone	2.21	43	17604	8.953 ug/L	89
15) Methyl Acetate	2.38	43	6101	1.043 ug/L #	46
21) 2-Butanone	4.05	43	14959	4.182 ug/L	91
22) cis-1,2-Dichloroethene	3.97	96	17935	0.846 ug/L #	93
29) 1,1,1-Trichloroethane	4.67	97	15704	0.501 ug/L	97
34) Trichloroethene	5.97	95	94388	4.423 ug/L	97
35) Methylcyclohexane	6.12	83	25127	0.685 ug/L #	20
37) 1,2-Dichloropropane	6.13	63	10660	0.569 ug/L #	85
48) 2-Hexanone	8.19	43	23951	3.518 ug/L #	84

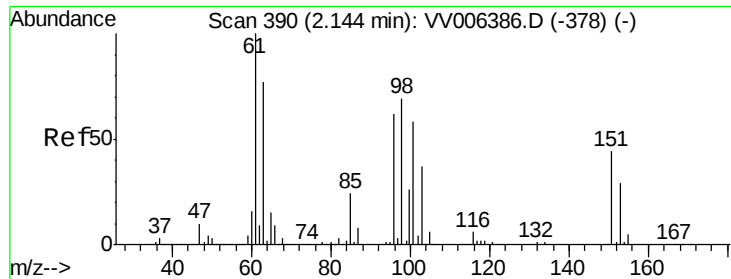
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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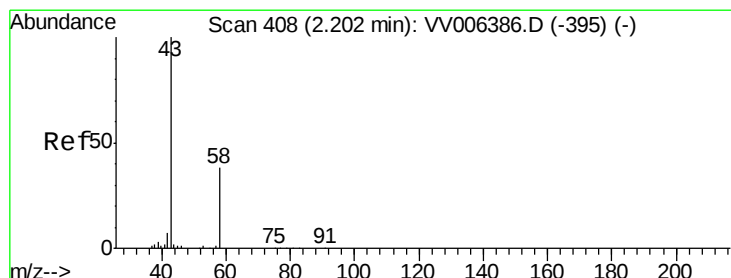
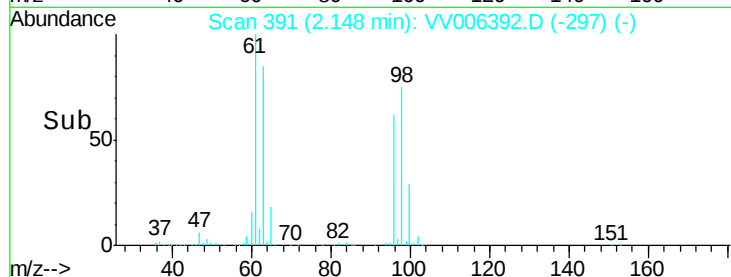
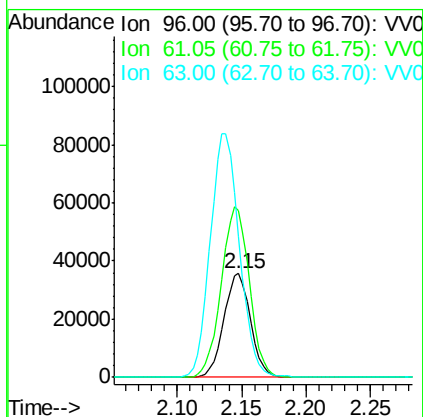
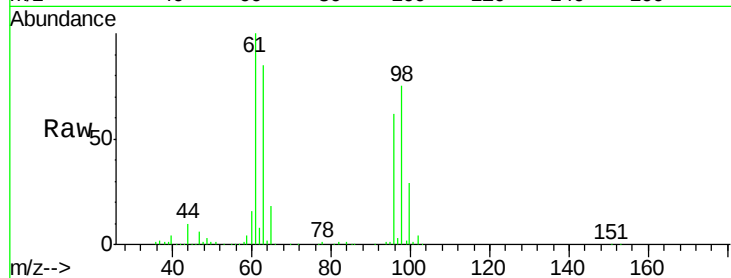




#12
 1,1-Dichloroethene
 Concen: 2.845 ug/L
 RT: 2.15 min Scan# 391
 Delta R.T. 0.00 min
 Lab File: VV006392.D
 Acq: 21 Jun 2018 14:17

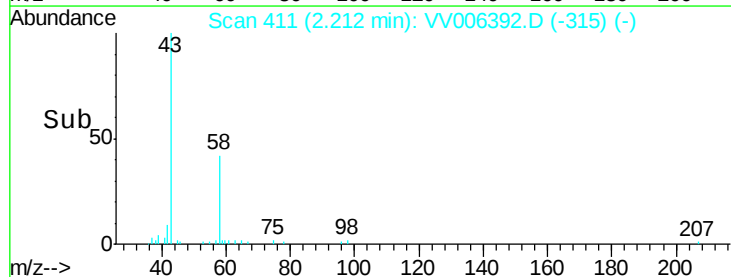
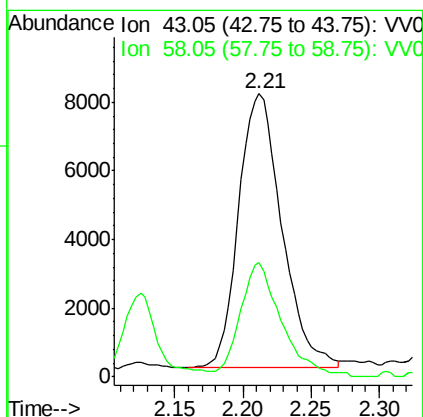
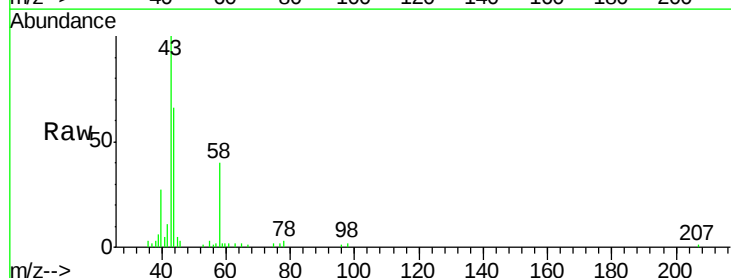
Instrument :
 MSVOA_V
 ClientSampleId :
 C0KJ3

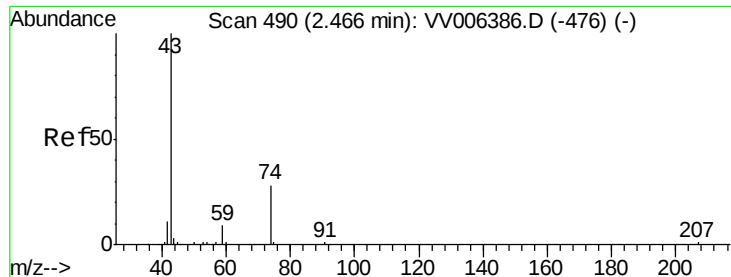
Tgt Ion: 96 Resp: 51081
 Ion Ratio Lower Upper
 96 100
 61 160.6 114.2 212.2
 63 136.0 85.0 157.8



#13
 Acetone
 Concen: 8.953 ug/L
 RT: 2.21 min Scan# 411
 Delta R.T. 0.01 min
 Lab File: VV006392.D
 Acq: 21 Jun 2018 14:17

Tgt Ion: 43 Resp: 17604
 Ion Ratio Lower Upper
 43 100
 58 39.8 0.0 67.4





#15

Methyl Acetate

Concen: 1.043 ug/L

RT: 2.38 min Scan# 463

Delta R.T. -0.09 min

Lab File: VV006392.D

Acq: 21 Jun 2018 14:17

Instrument :

MSVOA_V

ClientSampleId :

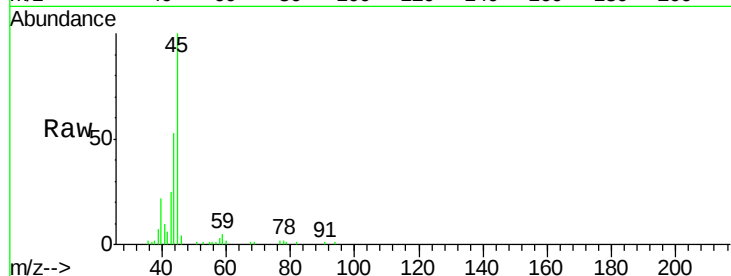
C0KJ3

Tgt Ion: 43 Resp: 6101

Ion Ratio Lower Upper

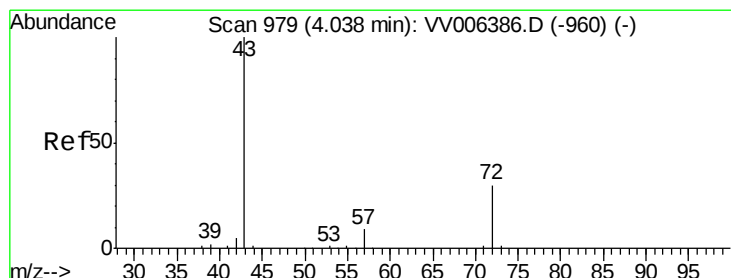
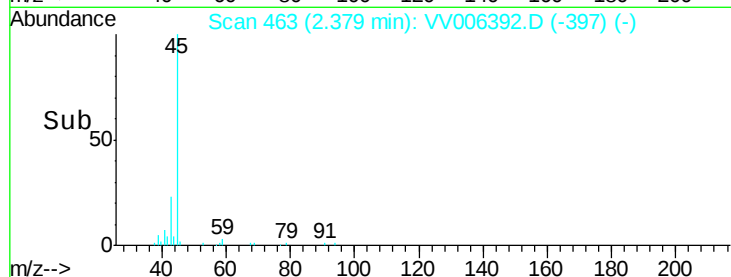
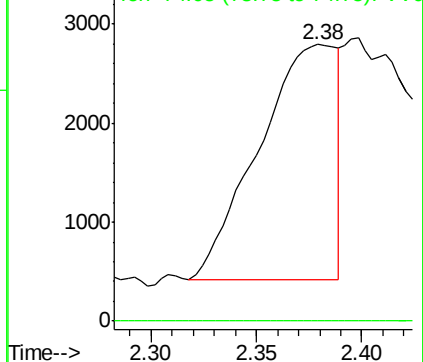
43 100

74 0.3 23.4 35.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#21

2-Butanone

Concen: 4.182 ug/L

RT: 4.05 min Scan# 983

Delta R.T. 0.01 min

Lab File: VV006392.D

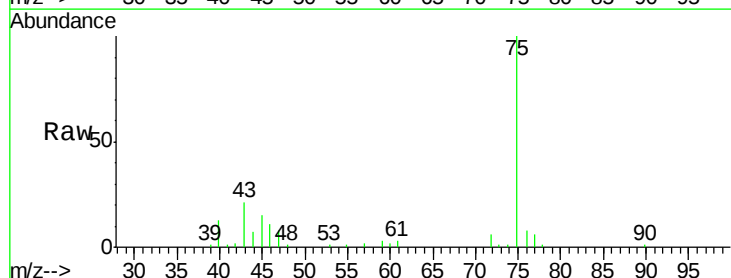
Acq: 21 Jun 2018 14:17

Tgt Ion: 43 Resp: 14959

Ion Ratio Lower Upper

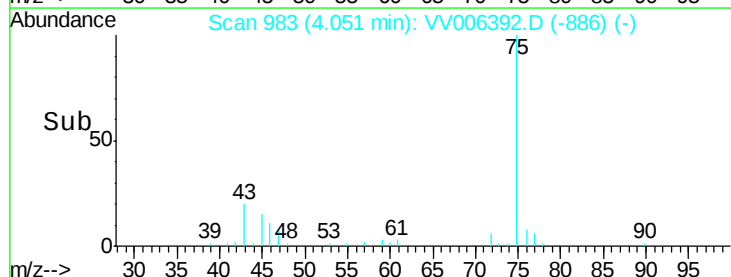
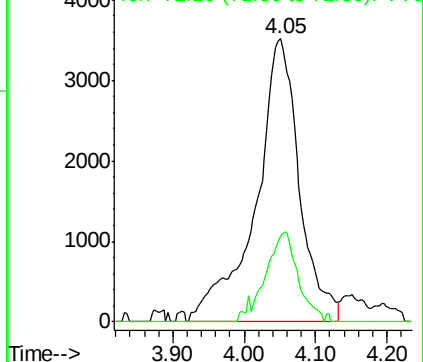
43 100

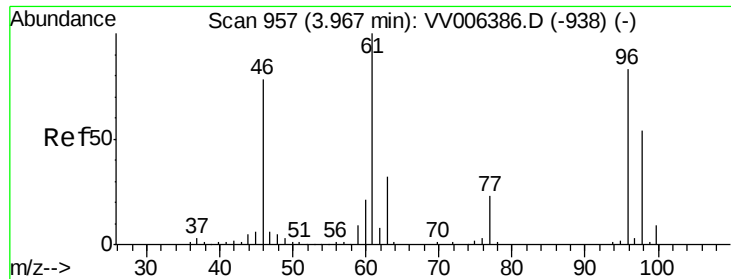
72 22.6 13.8 41.3



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0





#22

cis-1,2-Dichloroethene

Concen: 0.846 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV006392.D

Acq: 21 Jun 2018 14:17

Instrument :

MSVOA_V

ClientSampleId :

C0KJ3

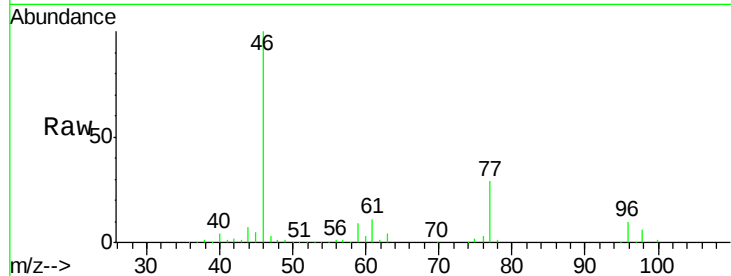
Tgt Ion: 96 Resp: 17935

Ion Ratio Lower Upper

96 100

61 112.1 84.1 156.3

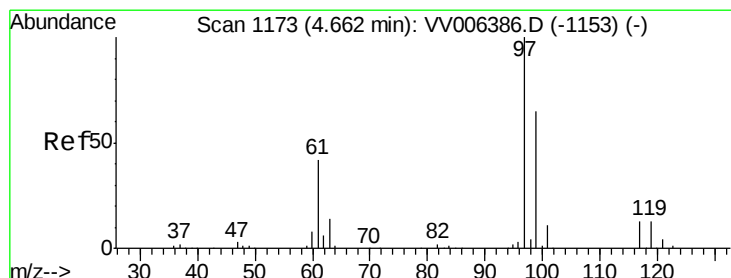
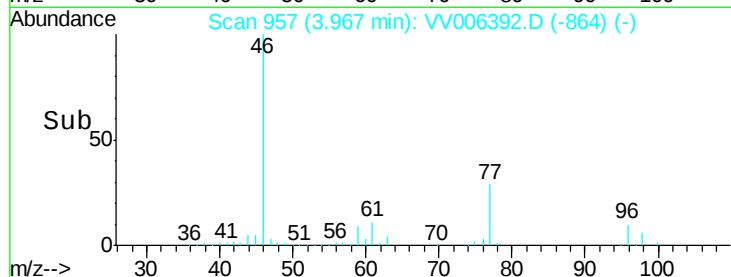
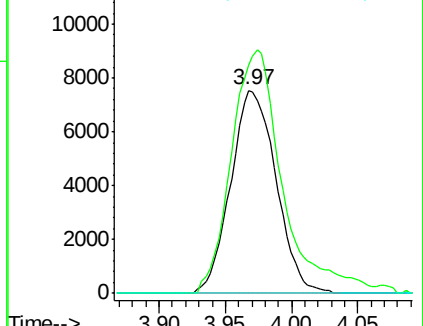
68 0.0 0.3 0.5#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0



#29

1,1,1-Trichloroethane

Concen: 0.501 ug/L

RT: 4.67 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VV006392.D

Acq: 21 Jun 2018 14:17

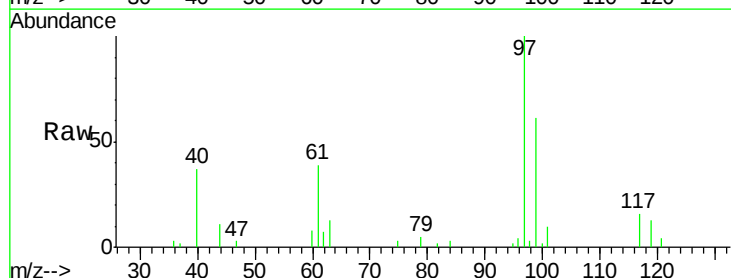
Tgt Ion: 97 Resp: 15704

Ion Ratio Lower Upper

97 100

99 61.4 51.5 77.3

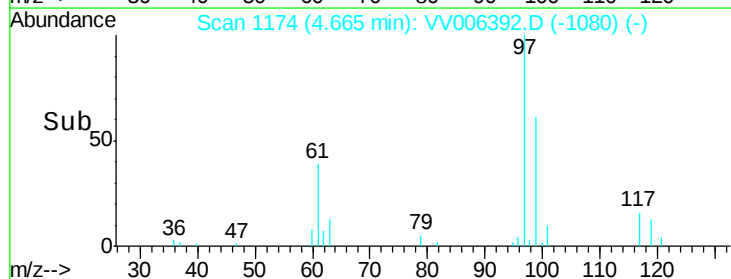
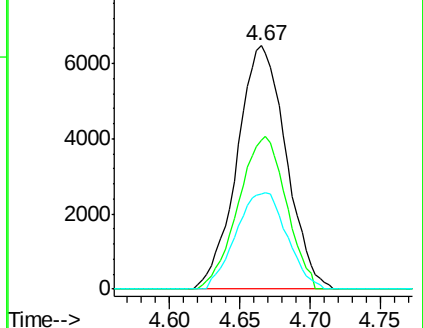
61 41.1 33.7 50.5

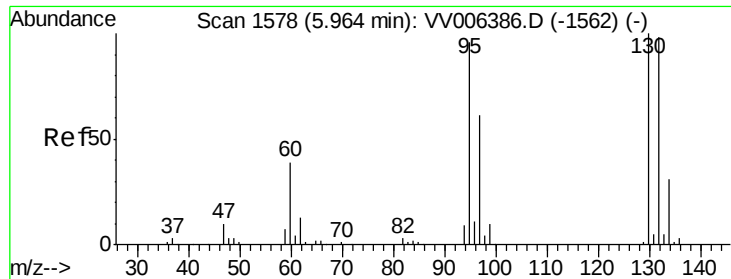


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0

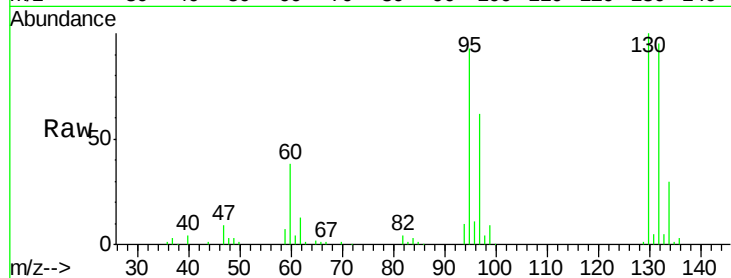




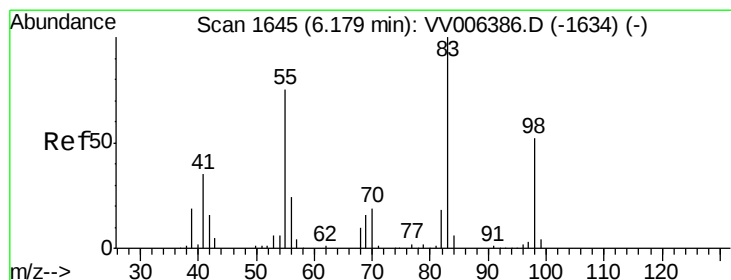
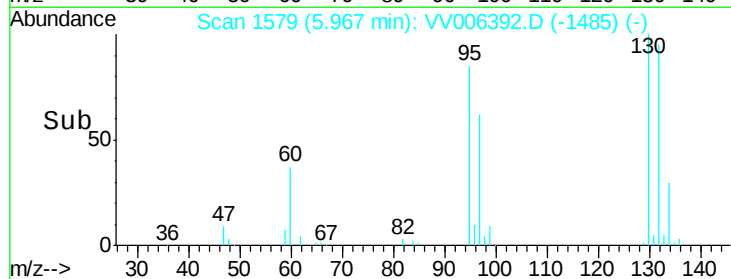
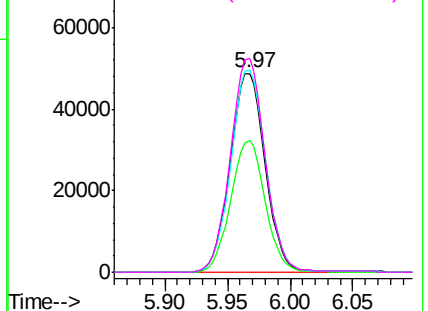
#34
 Trichloroethene
 Concen: 4.423 ug/L
 RT: 5.97 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VV006392.D
 Acq: 21 Jun 2018 14:17

Instrument :
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Tgt Ion: 95 Resp: 94388
 Ion Ratio Lower Upper
 95 100
 97 66.3 45.1 83.9
 132 101.8 69.0 128.1
 130 107.4 72.8 135.2

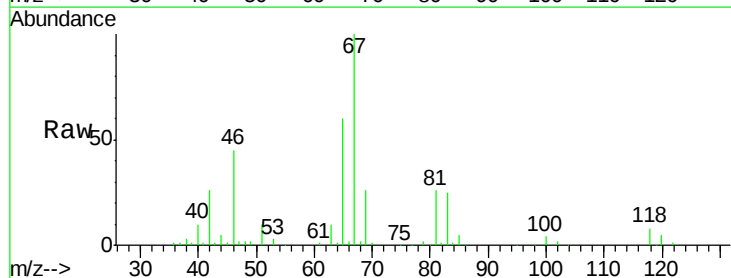


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

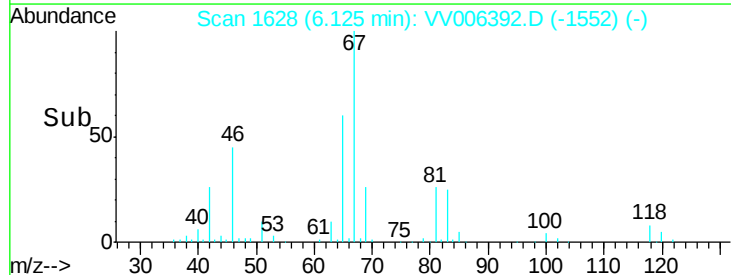
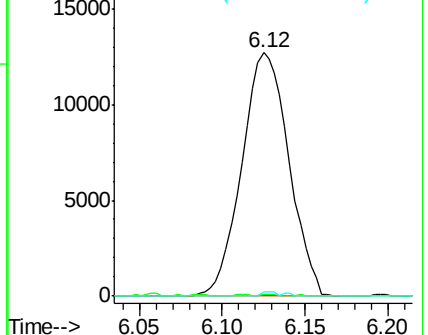


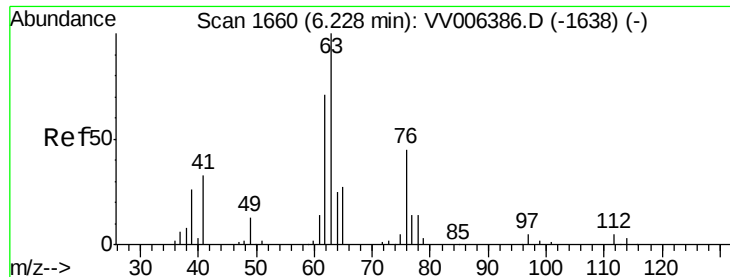
#35
 Methylcyclohexane
 Concen: 0.685 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV006392.D
 Acq: 21 Jun 2018 14:17

Tgt Ion: 83 Resp: 25127
 Ion Ratio Lower Upper
 83 100
 55 0.2 57.5 86.3#
 98 0.0 39.8 59.8#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0

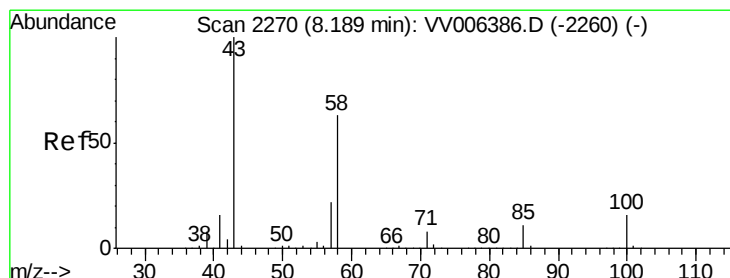
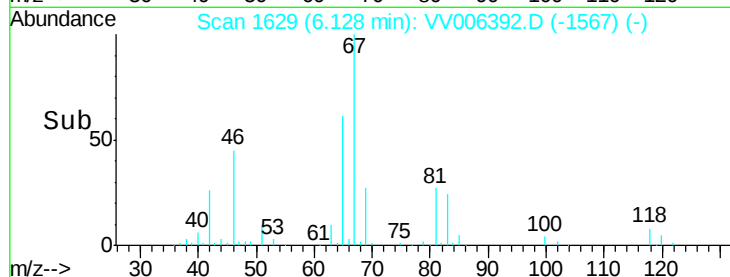
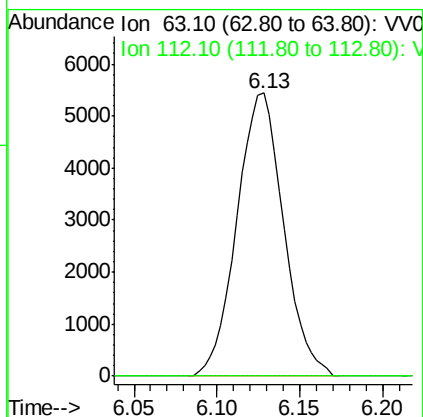
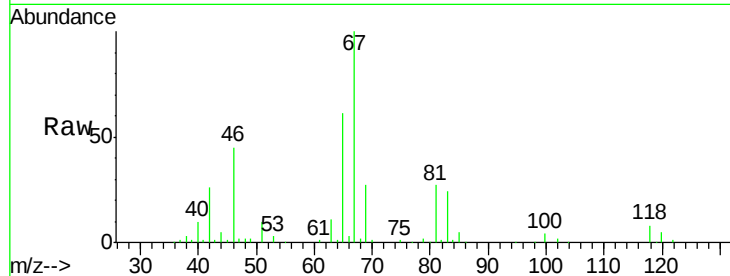




#37
 1,2-Dichloropropane
 Concen: 0.569 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VV006392.D
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Tgt Ion: 63 Resp: 10660
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#48
 2-Hexanone
 Concen: 3.518 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VV006392.D
 Acq: 21 Jun 2018 14:17

Tgt Ion: 43 Resp: 23951
 Ion Ratio Lower Upper
 43 100
 58 48.7 48.6 72.8
 57 14.6 17.5 26.3#
 100 8.5 12.6 18.8#

